

### **A b s t r a c t**

The invention describes a method and a load bearing device (23) for loading and unloading loading means into or out of a rack compartment of a rack store by means of a bearing device (24) arranged on an adjustable lifting platform (22). The bearing device (24) comprises a base frame (25) and coupling and upper slides (29, 30) that are adjustable synchronously to one another and relative to the base frame (25) via a pulley drive in travelling in or out direction (27, 28), and a conveying means (32) mounted on the upper slide (30) and coupled with a pulley drive. A maximum advance length (63) of the upper slide (30) is delimited by an overlapping area (64) between the base frame (25) and the upper slide (30). Between the base frame (25) and the lifting platform (22) an adjusting drive (67) and a linear guiding device (68) are arranged. The bearing device (24) is guided along the linear guiding device (68) and arranged adjustably on the lifting platform (22) via the actuating drive (67) in travelling in or out direction (27, 28) by about the length of the overlapping area (64).

(Fig. 3)